Montana Government IT Conference 2009 Pre-Conference Tech Sessions

Three tech sessions will be presented on Tuesday, December 1, 2009 as part of the Montana Government IT Conference. Pre-conference tech sessions are open to paid attendees of the 2009 Montana Government IT Conference. Register online today at http://itconference.mt.gov/default.mcpx.

Microsoft Pre-Conference Workshops, Tuesday, Dec. 1, 2009

Morning Session

9:30am-11:30am
Presenter: Stephen Fiore, Microsoft

Windows Server 2008 R2 (and Windows 7) – Administrators briefing

Find out what's new in Windows Server 2008 R2 and how it expands on and adds new features to enable IT professionals to increase the reliability and flexibility of their server infrastructures. Discover how new virtualization tools, Web resources, management enhancements, and exciting Windows 7 integration help save time, reduce costs, and provide a platform for a dynamic and efficiently managed data center. Also covered will be how tools such as Internet Information Services (IIS) version 7.5, updated Server Manager and Hyper-V platforms and Windows PowerShell version 2.0 combine to give customers greater control, increased efficiency and the ability to react to front-line business needs faster than ever before. As time permits, some discussion on best practices and resources for deploying Windows 7 will also be included.

Agenda:

- Improving the Web Application Platform
- Enabling Server and Desktop Virtualization
- Improving Power Management and Streamlining Management
- Scalability and Reliability
- Making the Experience Better Together with Windows 7

Afternoon Sessions

1:00pm-4:00pm
Presenter: Tim Weisenburger, ESRI

GIS – Developing with the Web Map API's in ArcGIS Server 9.3.1

Target Audience: Web page developer, html and scripting (javascript, flex) or .NET development

The ArcGIS Server API's allow web developers to embed maps and spatial functionality into their new and existing web applications. This workshop covers some best practices in creating web mapping applications that follow the web map 2.0 concepts of fast, easy to use, modern looking, designed for the end user and have specific targeted themes of information. Time will be spent exploring the programming and configuring aspects of the three available API's (Flex, Javascript and Silverlight) that can be used to develop these types of applications. Also learn to implement spatial functionality like Mapping, Geocoding, Networking and Geoprocessing tools. We will also explore samples and online resources that are available in helping you with getting up to speed with this latest technology from ESRI.

Agenda

- Web Maps and Applications Overview

- Resources to Help Get Started

- The REST API and Services Directory

- Break (20 Minutes)

- The Web API's (Javascript, Flex and Silverlight)

- Tasks and Geometry Services

- Advanced Tools and Customization

- Configuring Web Map Applications

1:30pm-3:30pm
Presenter: Stephen Fiore, Microsoft

Windows 7 – Business Drivers and why should IT be excited

Windows 7 is focused on leveraging the architectural changes made in Vista to make all aspects of the desktop experience easier and more efficient, from end user productivity to more efficient use of resources (including energy), to transparent and robust security to better deployment and management. The discussion will include demos where possible and focus on 4 major areas:

- Make Users Productive Anywhere - DirectAccess (clientless VPN), BranchCache™(faster downloads for branch locations), Enterprise Search Scopes (search desktop and enterprise from one place), Snipping Tool (screen capture tool)
- Use resources more efficiently - Power Management and contributions to green IT, Support for existing hardware
- Enhance Security and Protect Data - BitLocker & BitLocker To Go (encrypt whole drives including USB devices), AppLocker (Whitelist approved Applications), User Account Control (UAC) improvements (unobtrusively prevent admin user risks)
- Streamline PC Management - PowerShell (comprehensive scripting tool), Windows Troubleshooting Platform, Deployment tools (including Imaging , User State Migration Tool, Application Compatibility Toolkit, etc.), VDI (Virtual Desktop Interface) Enhancements

Other subjects that could be included if time permits are the Desktop Optimization Pack and how it can help radically reduce application compatibility issues (among other things) and what are the impacts of Internet Explorer 8 and why Microsoft made the changes they did.